

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A device Device for generating, from incoming signal values ( $X_{i,n}$ ), soft-values ( $Y_{i,n}$ ) to be input into a channel decoder (22) of a communication device for use in a wireless communication system, comprising:
  - truncation means (24, 26, 28) for truncating said incoming signal values ( $X_{i,n}$ ) such as to fall within a predetermined limit value range $[[,]]$ ; and
  - normalization means (30, 32) for normalizing said truncated signal values ( $X_{i,n}^t$ ) such as to fit to an input range of said channel decoder (22),
    - wherein characterized in that said truncation means (24, 26, 28) are adapted to determine the boundaries of said predetermined limit value range in dependence on information representative of a signal-to-noise ratio of said incoming signal values ( $X_{i,n}$ ), and in that said truncated signal values ( $X_{i,n}^t$ ) after normalization, are output as said soft-values ( $Y_{i,n}$ ), and
    - wherein said truncation means (24, 26, 28) are adapted to calculate, from said incoming signal values ( $X_{i,n}$ ), an absolute mean value (m) and to determine said boundaries of said predetermined limit value range based on said absolute mean value (m) multiplied by a scaling factor (1/ $\alpha$ ), said truncation means (24, 26, 28) being adapted to determine said scaling factor dependent on said information representative of said signal-to-noise ratio.

2-3. (Canceled)

4. (Currently Amended) A method for generating, from incoming signal values ( $X_{i,n}$ ), soft-values ( $Y_{i,n}$ ) to be input into a channel decoder (22) of a communication device for use in a wireless communication system, comprising the steps of:

truncating said incoming signal values ( $X_{i,n}$ ) such as to fall within a predetermined limit value range~~[[,]]~~; and

normalizing said truncated signal values ( $X_{i,n}^t$ ) such as to fit to an input range of said channel decoder (22)~~[[,]]~~;

~~characterized by the step of~~

~~determining the boundaries of said predetermined limit value range in dependence on information representative of a signal-to-noise ratio of said incoming signal values ( $X_{i,n}$ ), and outputting said truncated signal values ( $X_{i,n}^t$ ) after said normalization~~, as said soft-values ( $Y_{i,n}$ ); and

calculating, from said incoming signal values ( $X_{i,n}$ ), an absolute mean value (m) and determining said boundaries of said predetermined limit value range based on said absolute mean value (m) multiplied by a scaling factor ( $1/\alpha$ ), said scaling factor being determined dependent on said information representative of said signal-to-noise ratio.

5-6. (Canceled)